

**BY ELECTRONIC MAIL**

September 1, 2016

Ms. Susan Mackert  
Department of Environmental Quality  
Northern Regional Office  
13901 Crown Court  
Woodbridge, VA 22193

**RE: Dominion Possum Point Power Station VA0002071  
Outfall 503 Weekly Discharge Monitoring and Site Activity Report**

Ms. Mackert:

Dominion is submitting this letter in accordance with Part I.A.4.(5) of the subject permit. Results of discharge sampling for Outfall 503 conducted during the week of August 21 – 27, 2016, are included on the enclosed Weekly Compliance Sampling Summary. In addition, a progress report summarizing the status of activities to the CCR Surface Impoundment Closure Project is attached with this report.

If you have any questions or need additional information, please contact Jeff Marcell at (703)-441-3813.

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Sincerely,



Jeffrey R. Marcell  
Environmental Supervisor

Facility Name:  
Permit Number:  
Outfall Number:

POSSUM POINT POWER STATION  
VA002071  
503

### WEEKLY COMPLIANCE SAMPLING SUMMARY

Sample Week:  
Report Due Date:

8/21/16 - 8/27/16  
9/2/2016

Parameter	Units	Frequency	Permit QL	Daily Maximum Limitation	Sample Date		Result		Result	
					8/21/2016	8/24/2016	8/23/2016	8/25/2016 <sup>1</sup>	8/26/2016	8/30/2016 <sup>2</sup>
<b>Flow</b>	MGD	Weekly	NA	2.88	0.448	0.448	0.826	0.692		
pH*	S.U.	Weekly	NA	NA	6.99	6.99	7.47	7.11		
<b>Total Suspended Solids</b>	mg/L	Weekly	1.0	100	< QL	< QL	< QL	< QL		
<b>Oil &amp; Grease</b>	mg/L	Weekly	NA	20	< 5.0	< 5.0	< 5.0	< 5.0		
<b>Antimony, Total Recoverable</b>	ug/L	Weekly	5.0	1300	< QL	< QL	< QL	< QL		
<b>Arsenic, Total Recoverable</b>	ug/L	Weekly	5.0	440	< QL	< QL	< QL	< QL		
<b>Cadmium, Total Recoverable</b>	ug/L	Weekly	0.88	2.6	< QL	< QL	< QL	< QL		
<b>Chromium III, Total Recoverable</b>	ug/L	Weekly	5.0	160	< QL	< QL	< QL	< QL		
<b>Chromium VI, Total Recoverable</b>	ug/L	Weekly	5.0	32	< QL	< QL	< QL	< QL		
<b>Copper, Total Recoverable</b>	ug/L	Weekly	5.0	18	< QL	< QL	< QL	< QL		
<b>Lead, Total Recoverable</b>	ug/L	Weekly	5.0	26	< QL	< QL	< QL	< QL		
<b>Mercury, Total Recoverable</b>	ug/L	Weekly	0.1	2.2	< QL	< QL	< QL	< QL		
<b>Nickel, Total Recoverable</b>	ug/L	Weekly	5.0	44	< QL	< QL	< QL	< QL		
<b>Selenium, Total Recoverable</b>	ug/L	Weekly	5.0	15	5.3	5.3	< QL	< QL		
<b>Silver, Total Recoverable</b>	ug/L	Weekly	0.4	4.0	< QL	< QL	< QL	< QL		
<b>Thallium, Total Recoverable</b>	ug/L	Weekly	0.47	0.94	< QL	< QL	< QL	< QL		
<b>Zinc, Total Recoverable</b>	ug/L	Weekly	25	180	< QL	< QL	< QL	< QL		
<b>Chloride</b>	ug/L	Weekly	NA	670,000	85,300	139,000	102,000			
<b>Hardness, Total (as CaCO<sub>3</sub>)</b>	mg/L	Weekly	NA	NL	150	150	150	158		

**Notes:**

\*pH values must remain between a minimum of 6.0 S.U. and a maximum of 9.0 S.U. at all times. pH values are measured in the field  
Analytical results below the Permit Quantification level (QL) are to be reported as "< QL", as required in Section I.C.2 of the Permit  
QL = Quantification Level  
NA = Not Applicable  
NL = No Limitation, monitoring required

<sup>1</sup> A contract is in place to receive results for parameters identified in the VPDES permit with a monitoring frequency of "3/W" within four business days of taking the sample. The original analytical report for this sampling event was received on 8/24/2016. Due to a mislabeled Laboratory ID on the Chain of Custody form, a revised report was provided on 8/25/2016.

<sup>2</sup> A contract is in place to receive results for parameters identified in the VPDES permit with a monitoring frequency of "3/W" within four business days of taking the sample. The original analytical report for this sampling event was received on 8/29/2016. Due to an incorrect analytical method referenced for Hexavalent Chromium analyses, a revised report was provided on 8/30/2016.

**Dominion – Possum Point Power Station**

**CCR Impoundment Closure Project**

**Weekly Status Report**

**Activities for the Week Ending: 8/27/16**

- Discharge of approximately 2.584 MG of Wastewater Treatment System treated water via outfall 503.
- Discharges from the Wastewater Treatment System occurred Sunday through Saturday this week. Weekly compliance samples were collected on Sunday, Tuesday and Thursday.

**Ongoing Activities**

- Pumping of water from Ponds A, B, C and E to Pond D.
- Excavating of dry ash from Pond E within the pond footprint to facilitate loading operations.
- Transport of ash from Pond E to Pond D.
- Stock piling of dry ash from Ponds A, B, and C within the pond footprint to facilitate future loading operations.

**Look Ahead**

- Initiate movement of ash from Ponds A, B, and C to Pond D.
- Obtain agreement on appropriate compliance sampling strategies during low discharge conditions per Dominion July 28, 2016 email submittal to DEQ.